

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE022415\
 Data File : BE089672.D
 Acq On : 24 Feb 2015 15:39
 Operator : TP/JJ
 Sample : SSTDICC005
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 LabSampleId :
 SSTDICC005

Manual Integrations
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Quant Time: Feb 25 14:20:31 2015
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SIMPAH-BE022415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 24 15:38:17 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.34	152	47134	5.00	ng	0.00
4) Naphthalene-d8	12.24	136	201744	5.00	ng	0.00
8) Acenaphthene-d10	16.43	164	90843	5.00	ng	0.01
13) Phenanthrene-d10	19.77	188	161906	5.00	ng	0.00
19) Chrysene-d12	23.66	240	135474	5.00	ng	0.00
25) Perylene-d12	25.34	264	99450	5.00	ng	0.00
System Monitoring Compounds						
5) Nitrobenzene-d5	10.60	82	55713	4.95	ng	0.00
9) 2-Fluorobiphenyl	14.88	172	100812	4.09	ng	0.00
21) Terphenyl-d14	22.30	244	85538	5.55	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.69	88	27876	4.64	ng	99
3) n-Nitrosodimethylamine	3.32	42	38040	5.41	ng	93
6) Naphthalene	12.29	128	194763	4.98	ng	100
7) 2-Methylnaphthalene	13.94	142	119708	5.56	ng	97
10) Acenaphthylene	16.06	152	718644	5.72	ng	100
11) Acenaphthene	16.49	154	104798	5.10	ng	98
12) Fluorene	17.74	166	119677	5.32	ng	100
14) Hexachlorobenzene	19.00	284	21266	5.11	ng	97
15) Pentachlorophenol	19.43	266	4327	11.80	ng	93
16) Phenanthrene	19.81	178	174716	5.08	ng	100
17) Anthracene	19.91	178	165413	5.91	ng	100
18) Fluoranthene	21.72	202	164825	6.05	ng	99
20) Pyrene	22.04	202	178990	5.64	ng	99
22) Benzo(a)anthracene	23.64	228	518896	6.26	ng	95
23) Chrysene	23.68	228	601275	4.83	ng	98
24) Indeno(1,2,3-cd)pyrene	26.75	276	353240m	11.55	ng	
28) Benzo(a)pyrene	25.27	252	77802	11.00	ng	95

(#) = qualifier out of range (m) = manual integration (+) = signals summed

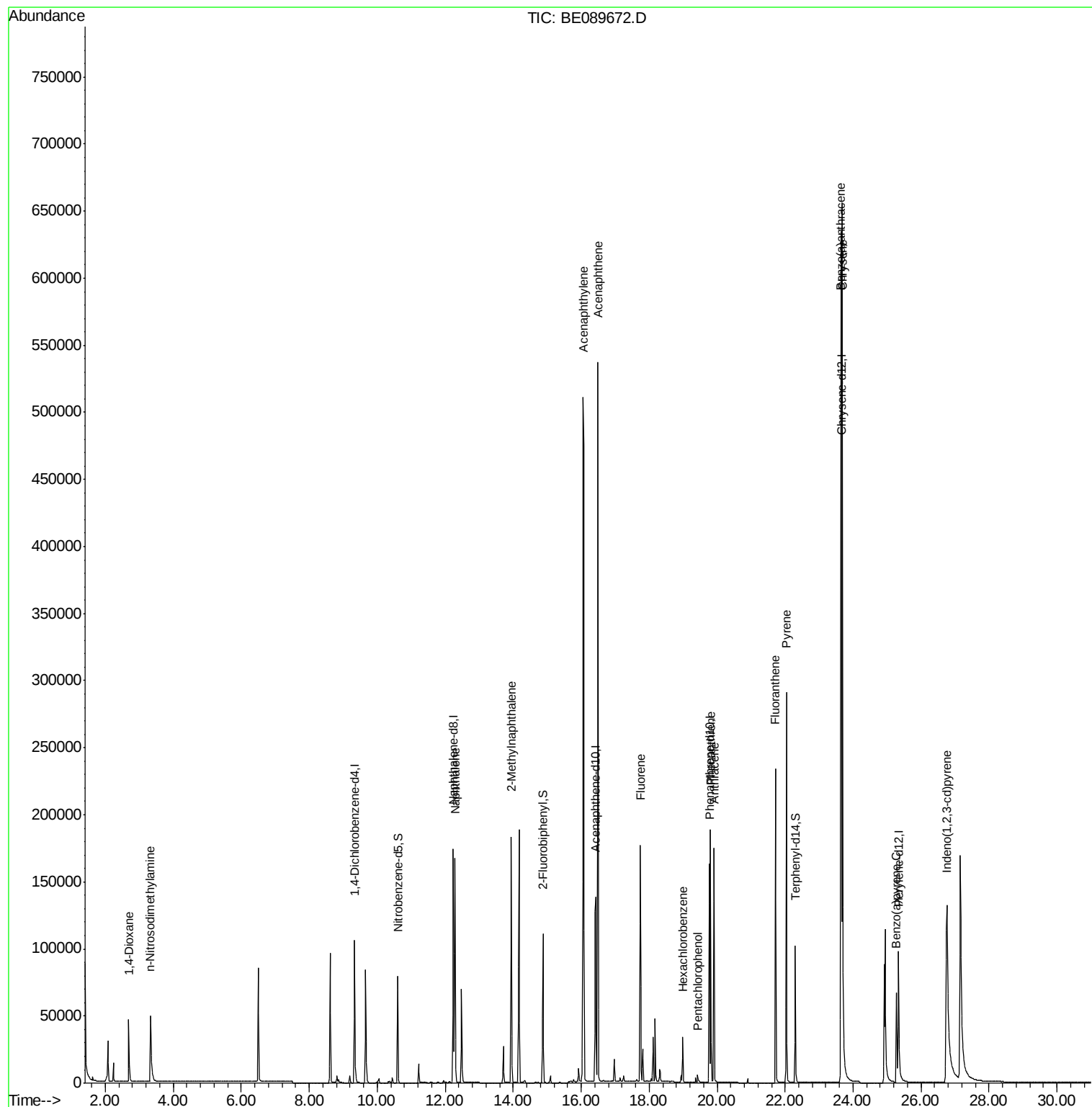
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE022415\
Data File : BE089672.D
Acq On : 24 Feb 2015 15:39
Operator : TP/JJ
Sample : SSTDIC005
Misc :
ALS Vial : 8 Sample Multiplier: 1

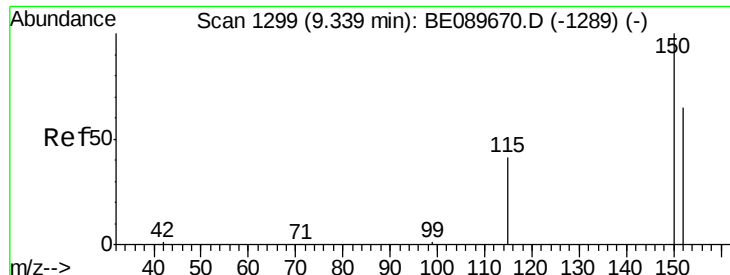
Instrument :
BNA_E
LabSampleId :
SSTDIC005

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Quant Time: Feb 25 14:20:31 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SIMPAH-BE022415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 24 15:38:17 2015
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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 9.34 min Scan# 1299

Delta R.T. -0.00 min

Lab File: BE089672.D

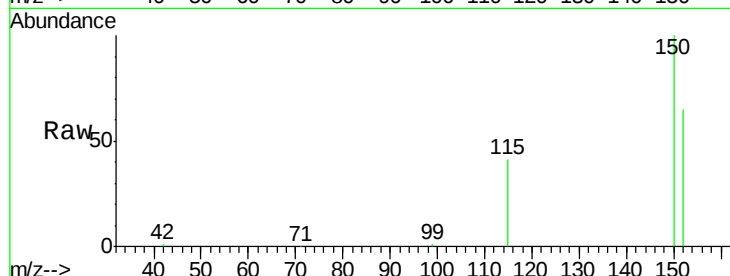
Acq: 24 Feb 2015 15:39

Instrument :

BNA_E

LabSampleId :

SSTDICC005



Tgt Ion: 152 Resp: 47134

Ion Ratio Lower Upper

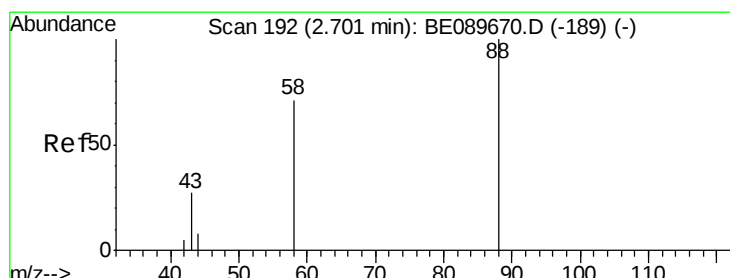
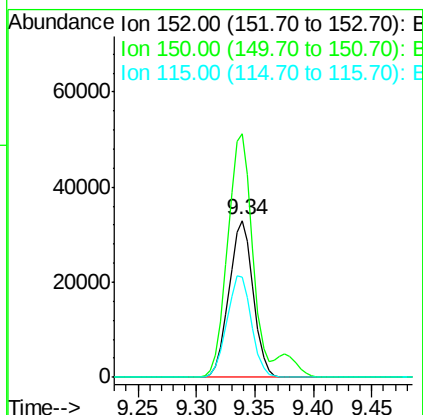
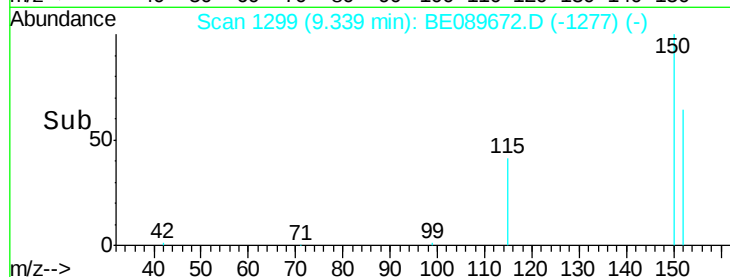
152 100

150 155.0 123.4 185.0

115 64.2 50.8 76.2

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#2

1,4-Dioxane

Concen: 4.64 ng

RT: 2.69 min Scan# 191

Delta R.T. -0.01 min

Lab File: BE089672.D

Acq: 24 Feb 2015 15:39

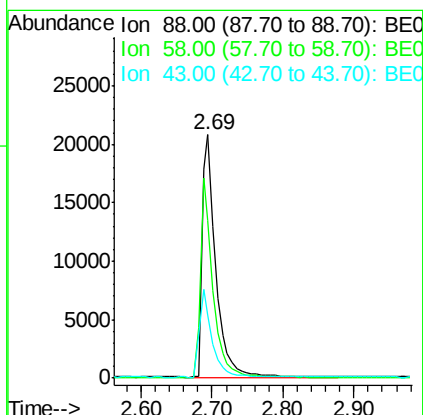
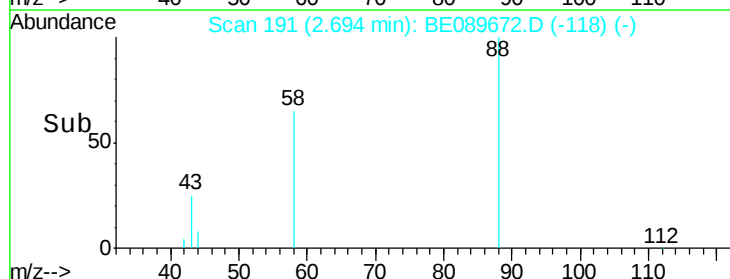
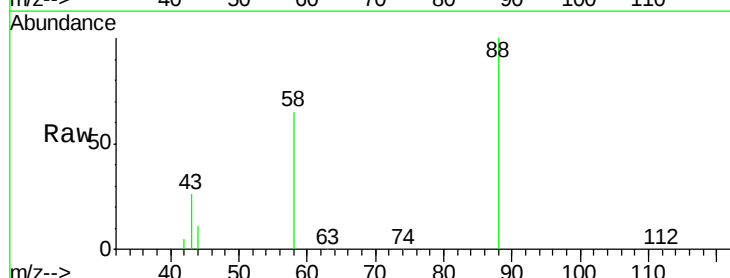
Tgt Ion: 88 Resp: 27876

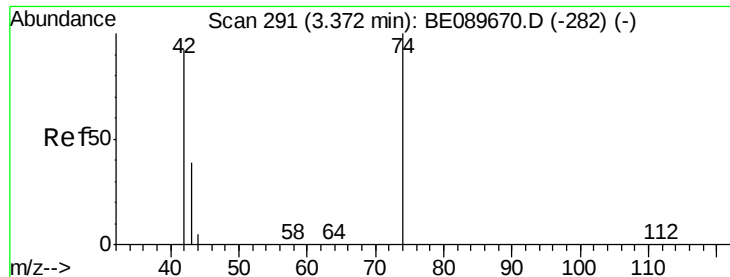
Ion Ratio Lower Upper

88 100

58 77.1 62.4 93.6

43 34.2 26.6 40.0





#3

n-Nitrosodimethylamine

Concen: 5.41 ng

RT: 3.32 min Scan# 284

Delta R.T. -0.05 min

Lab File: BE089672.D

Acq: 24 Feb 2015 15:39

Instrument :

BNA_E

LabSampleId :

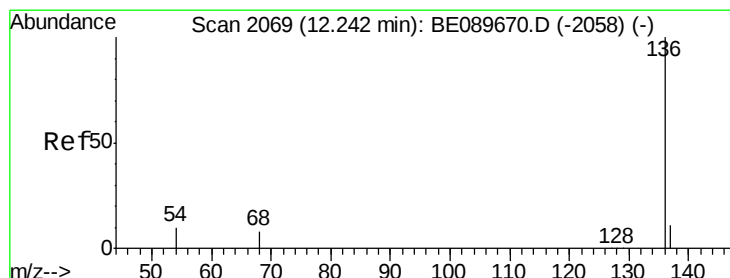
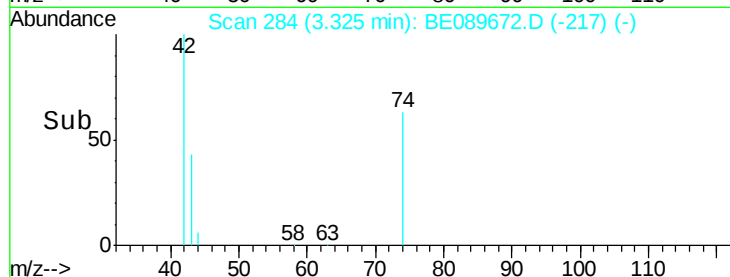
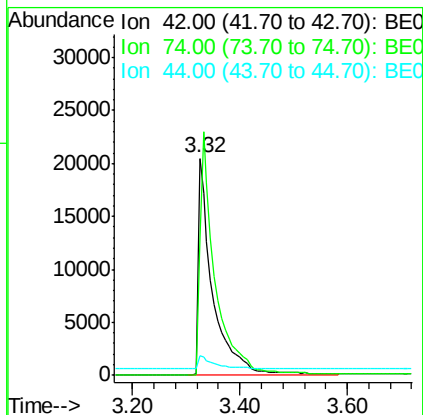
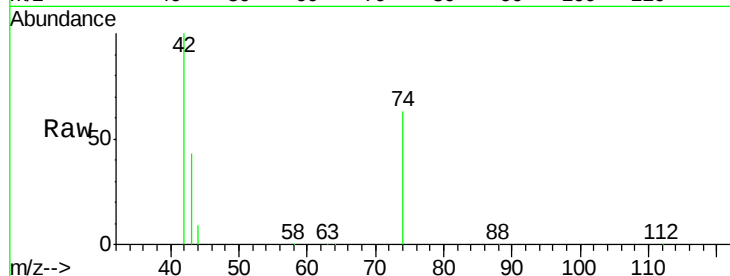
SSTDIC005

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Tgt Ion:	42	Resp:	38040
Ion Ratio	Lower	Upper	
42	100		
74	122.3	91.1	136.7
44	5.9	4.7	7.1



#4

Naphthalene-d8

Concen: 5.00 ng

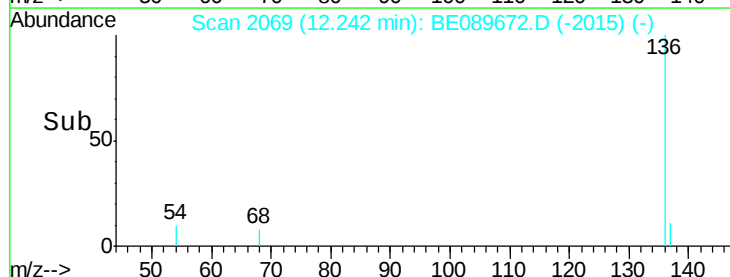
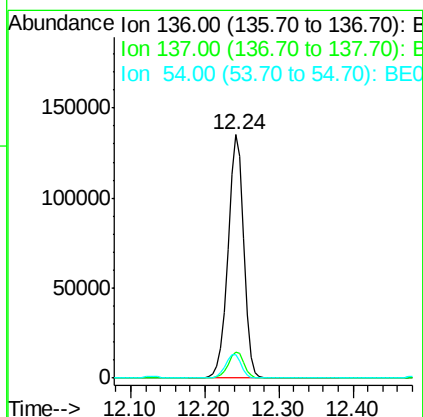
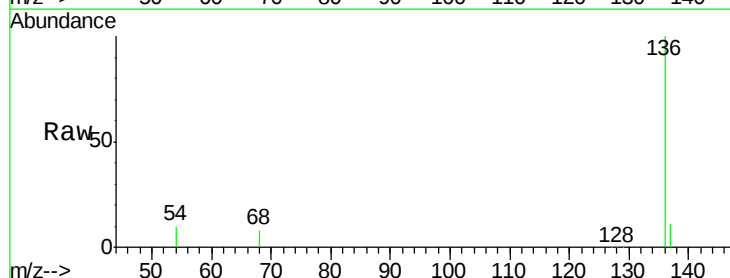
RT: 12.24 min Scan# 2069

Delta R.T. -0.00 min

Lab File: BE089672.D

Acq: 24 Feb 2015 15:39

Tgt Ion:	136	Resp:	201744
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.7	13.1
54	9.9	7.8	11.8





#5

Nitrobenzene-d5

Concen: 4.95 ng

RT: 10.60 min Scan# 1667

Delta R.T. 0.00 min

Lab File: BE089672.D

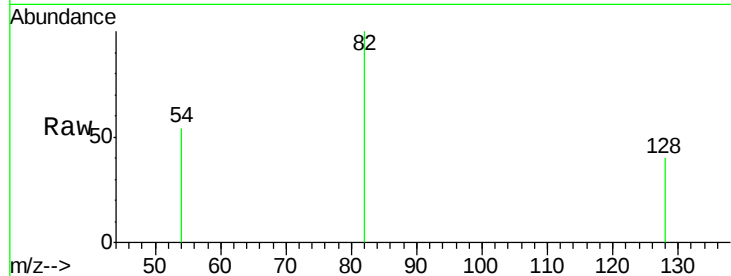
Acq: 24 Feb 2015 15:39

Instrument :

BNA_E

LabSampleId :

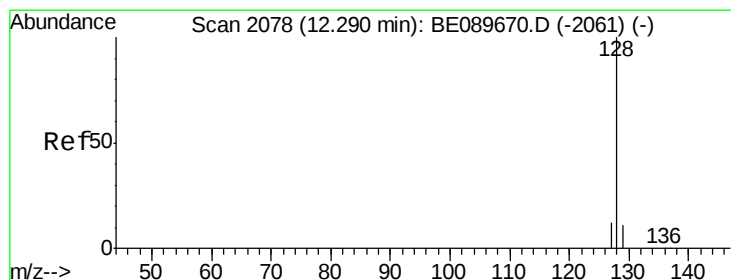
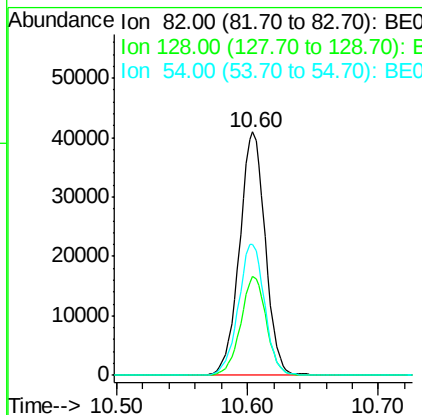
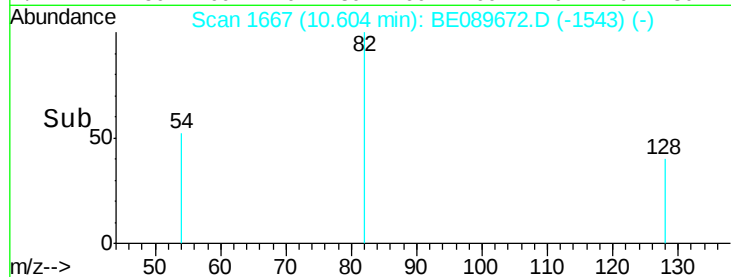
SSTDICC005



Tgt Ion:	82	Resp:	55713
Ion Ratio	Lower	Upper	
82	100		
128	40.4	30.6	46.0
54	53.9	43.6	65.4

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#6

Naphthalene

Concen: 4.98 ng

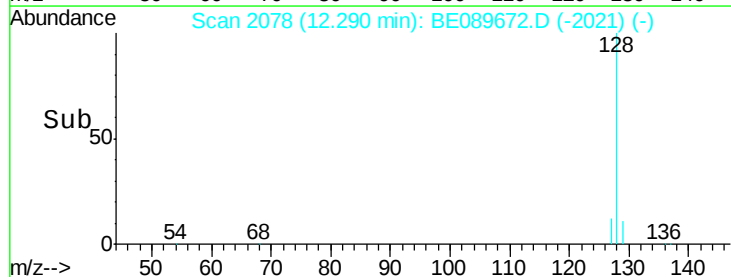
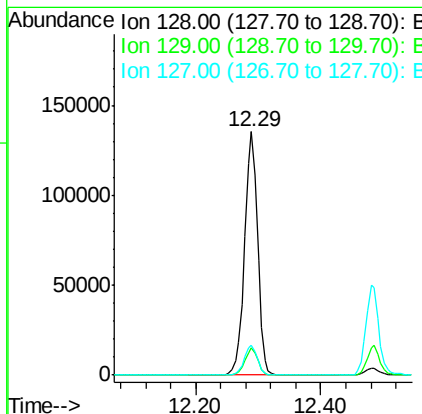
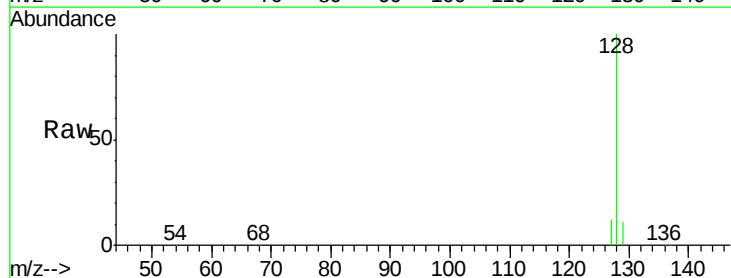
RT: 12.29 min Scan# 2078

Delta R.T. -0.00 min

Lab File: BE089672.D

Acq: 24 Feb 2015 15:39

Tgt Ion:	128	Resp:	194763
Ion Ratio	Lower	Upper	
128	100		
129	11.1	8.9	13.3
127	12.3	9.7	14.5





#7

2-Methylnaphthalene

Concen: 5.56 ng

RT: 13.94 min Scan# 2416

Delta R.T. -0.00 min

Lab File: BE089672.D

Acq: 24 Feb 2015 15:39

Instrument :

BNA_E

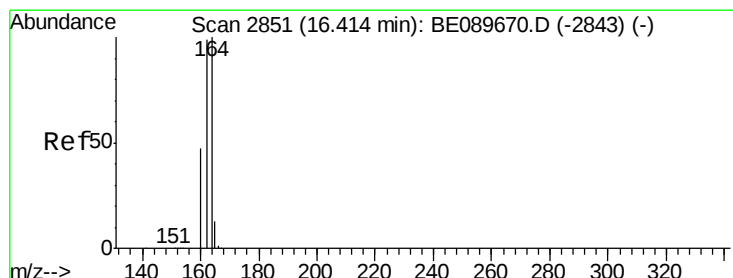
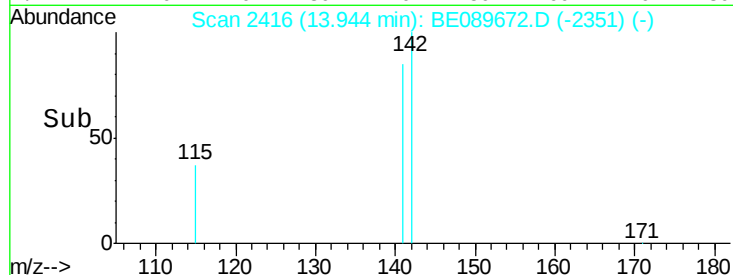
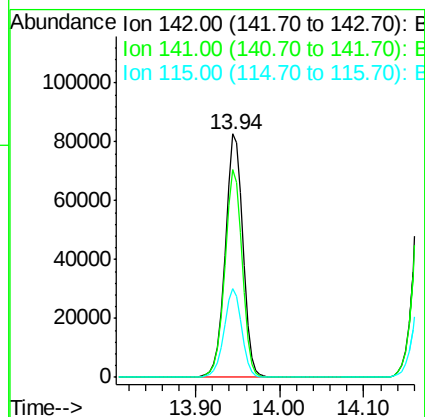
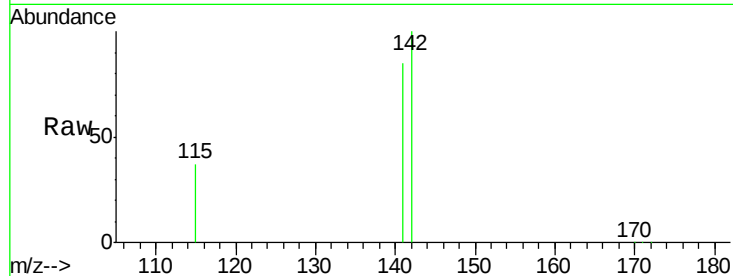
LabSampleId :

SSTDICC005

Tgt Ion:	142	Resp:	119708
Ion Ratio	Lower	Upper	
142	100		
141	85.2	66.0	99.0
115	36.6	27.4	41.0

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#8

Acenaphthene-d10

Concen: 5.00 ng

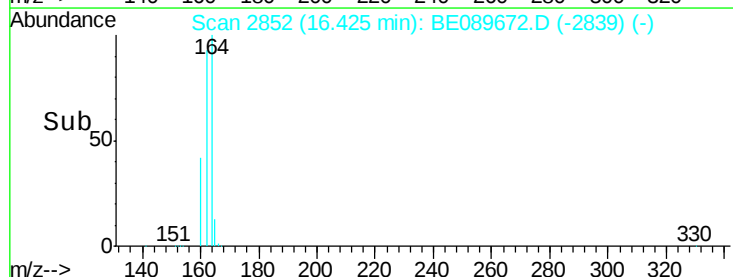
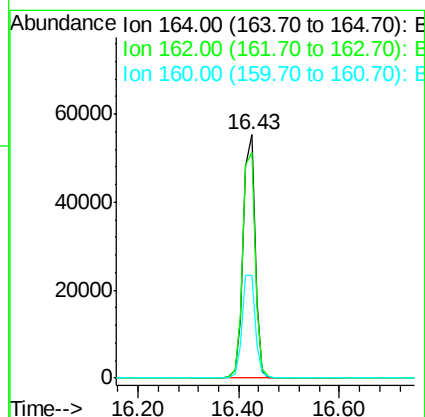
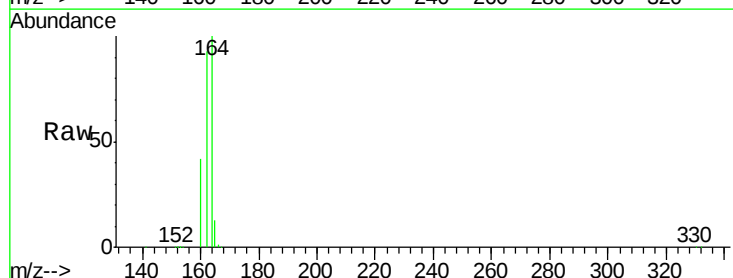
RT: 16.43 min Scan# 2852

Delta R.T. 0.01 min

Lab File: BE089672.D

Acq: 24 Feb 2015 15:39

Tgt Ion:	164	Resp:	90843
Ion Ratio	Lower	Upper	
164	100		
162	92.8	79.4	119.2
160	42.2	37.6	56.4





#9

2-Fluorobiphenyl

Concen: 4.09 ng

RT: 14.88 min Scan# 2621

Delta R.T. 0.00 min

Lab File: BE089672.D

Acq: 24 Feb 2015 15:39

Instrument :

BNA_E

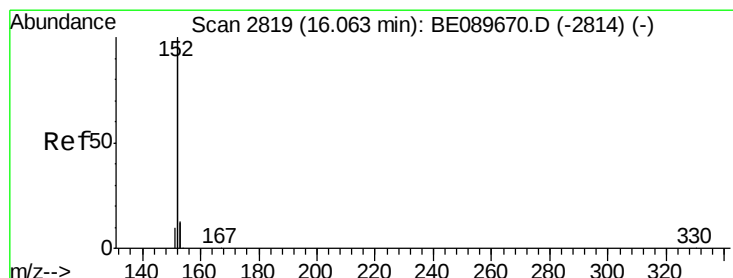
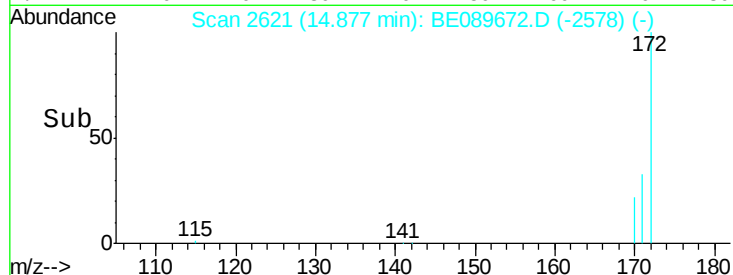
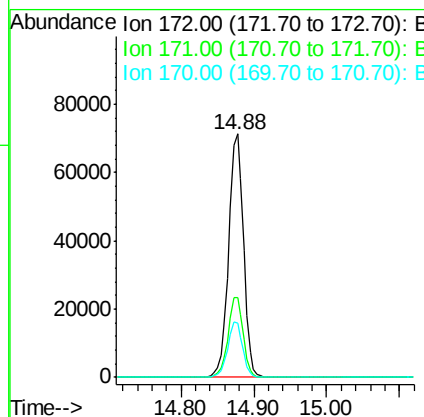
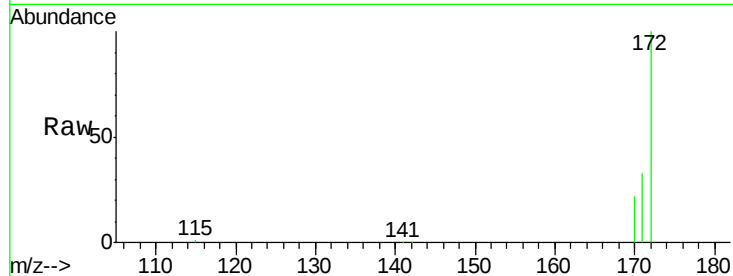
LabSampleId :

SSTDIC005

Tgt Ion:	172	Resp:	100812
Ion Ratio	Lower	Upper	
172	100		
171	32.9	27.3	40.9
170	22.2	18.5	27.7

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#10

Acenaphthylene

Concen: 5.72 ng

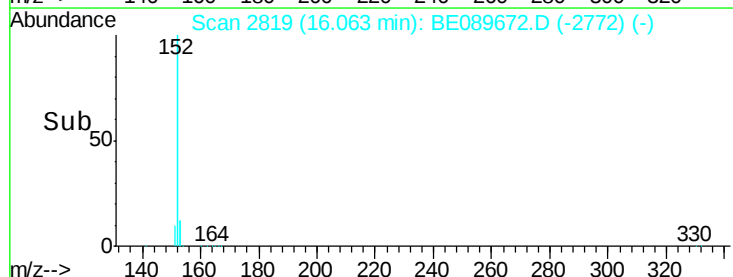
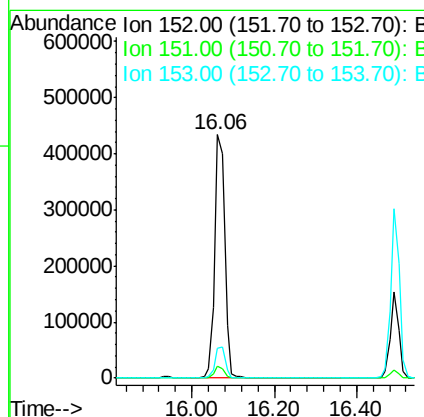
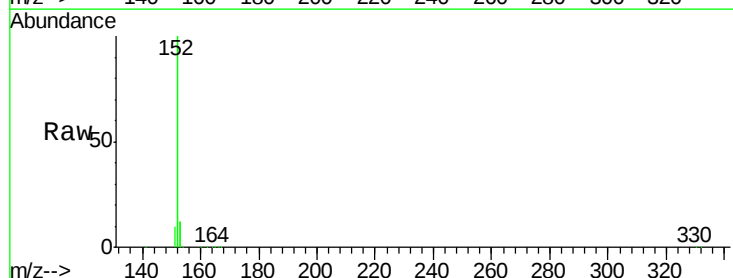
RT: 16.06 min Scan# 2819

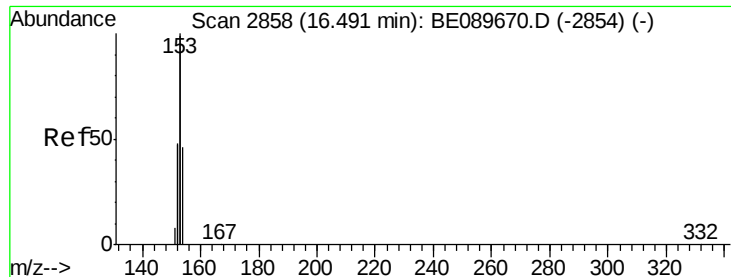
Delta R.T. 0.00 min

Lab File: BE089672.D

Acq: 24 Feb 2015 15:39

Tgt Ion:	152	Resp:	718644
Ion Ratio	Lower	Upper	
152	100		
151	4.8	3.8	5.6
153	13.1	10.4	15.6





#11

Acenaphthene

Concen: 5.10 ng

RT: 16.49 min Scan# 2858

Delta R.T. 0.00 min

Lab File: BE089672.D

Acq: 24 Feb 2015 15:39

Instrument :

BNA_E

LabSampleId :

SSTDICC005

Tgt Ion:154 Resp: 104798

Ion Ratio Lower Upper

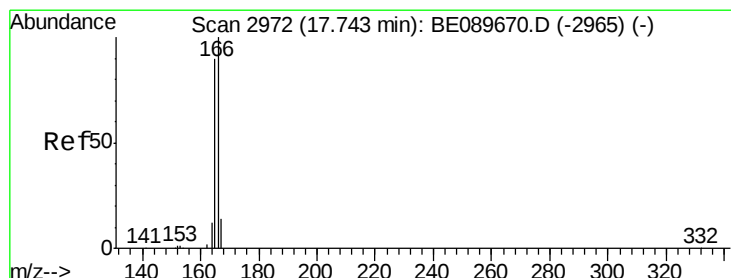
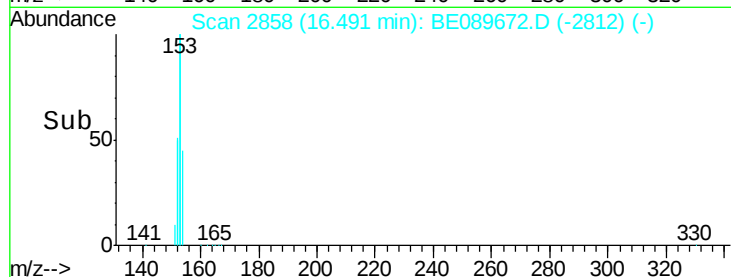
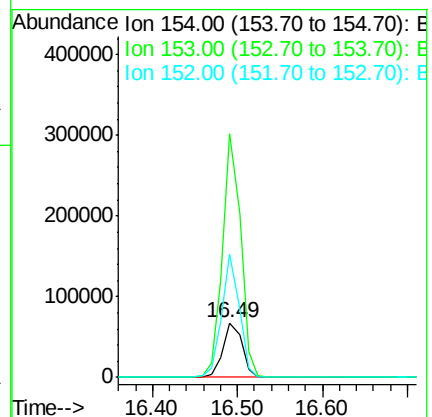
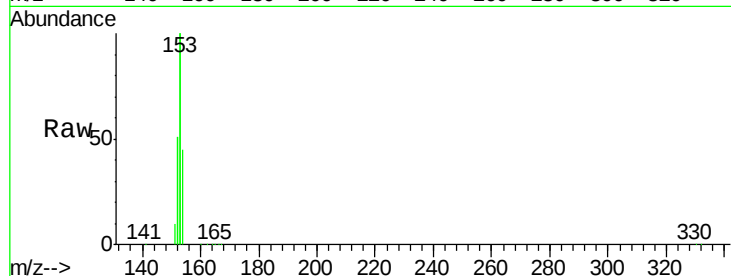
154 100

153 427.6 345.8 518.8

152 208.6 168.6 252.8

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#12

Fluorene

Concen: 5.32 ng

RT: 17.74 min Scan# 2972

Delta R.T. 0.00 min

Lab File: BE089672.D

Acq: 24 Feb 2015 15:39

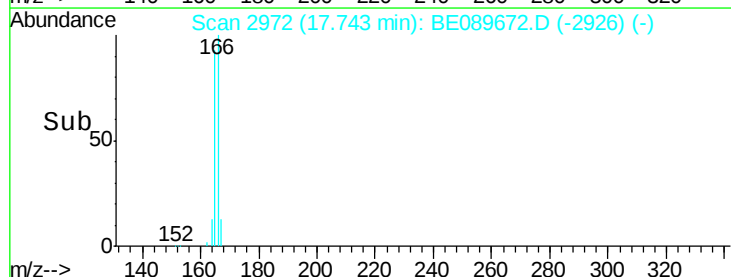
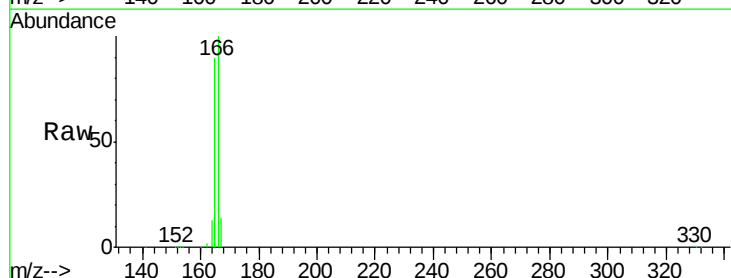
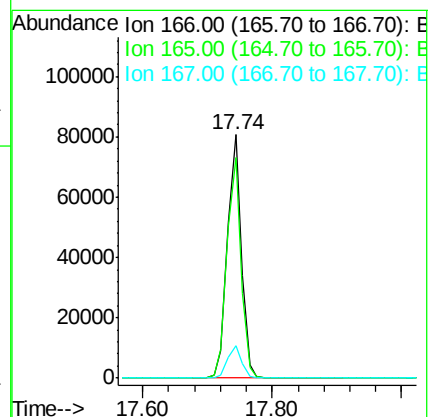
Tgt Ion:166 Resp: 119677

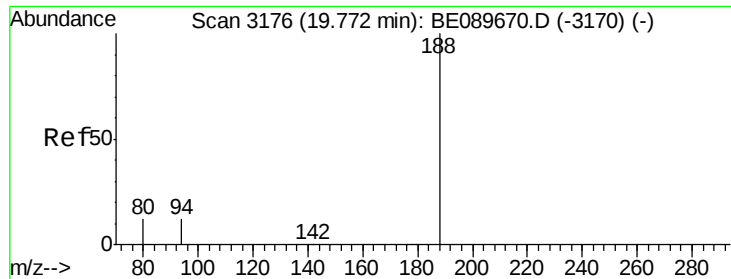
Ion Ratio Lower Upper

166 100

165 91.8 73.6 110.4

167 13.4 10.6 16.0





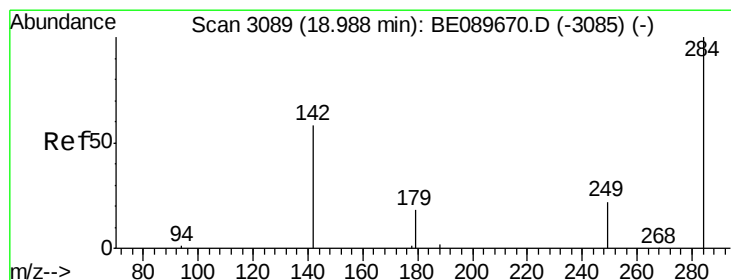
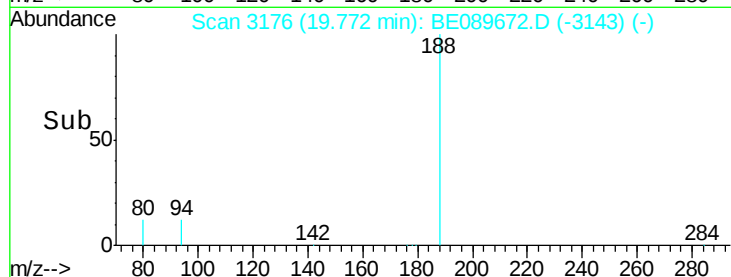
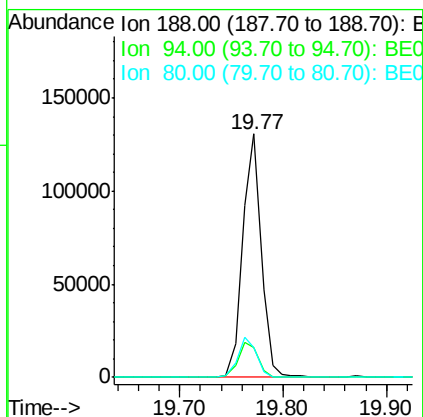
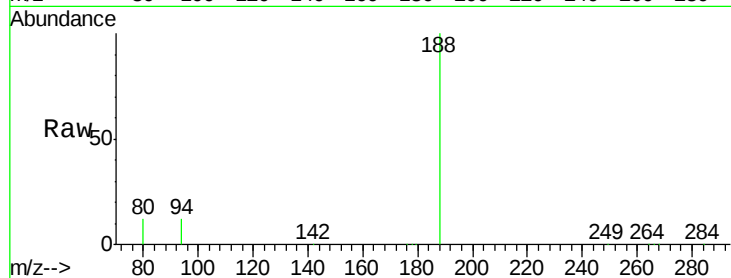
#13
Phenanthrene-d10
Concen: 5.00 ng
RT: 19.77 min Scan# 3176
Delta R.T. -0.00 min
Lab File: BE089672.D
Acq: 24 Feb 2015 15:39

Instrument :
BNA_E
LabSampleId :
SSTDICC005

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	12.2	9.4	14.2
80	12.3	9.5	14.3

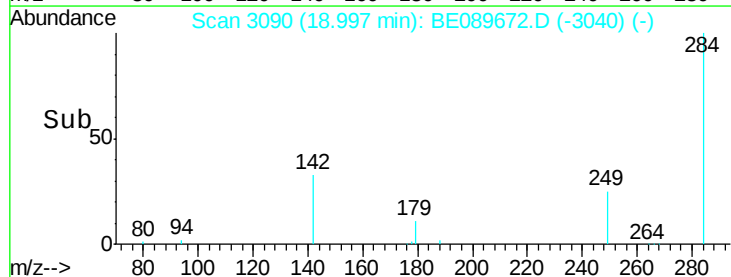
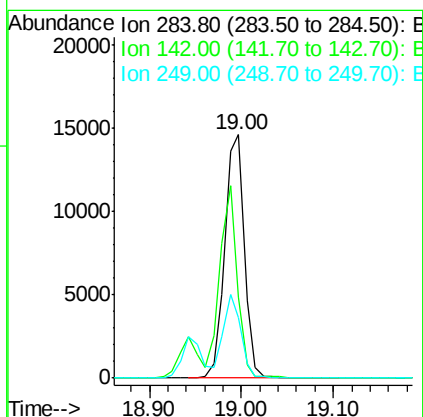
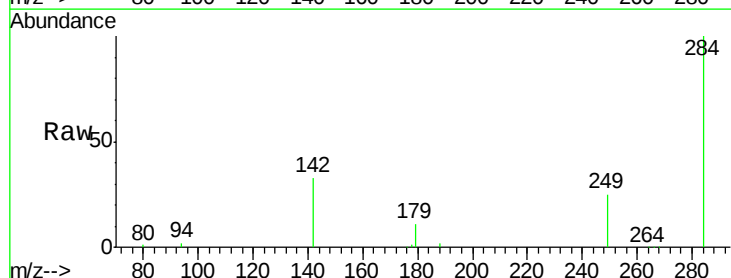
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#14
Hexachlorobenzene
Concen: 5.11 ng
RT: 19.00 min Scan# 3090
Delta R.T. 0.01 min
Lab File: BE089672.D
Acq: 24 Feb 2015 15:39

Tgt Ion	Ratio	Resp Lower	Resp Upper
284	100		
142	70.5	55.4	83.2
249	30.5	27.2	40.8





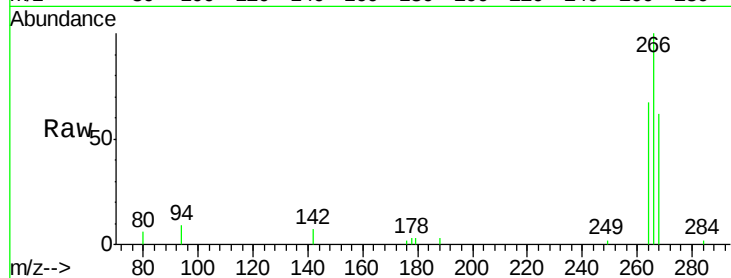
#15
 Pentachlorophenol
 Concen: 11.80 ng
 RT: 19.43 min Scan# 3138
 Delta R.T. -0.01 min
 Lab File: BE089672.D
 Acq: 24 Feb 2015 15:39

Instrument :
 BNA_E
 LabSampleId :
 SSTDICC005

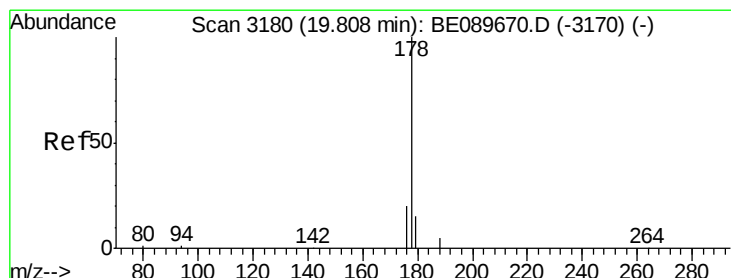
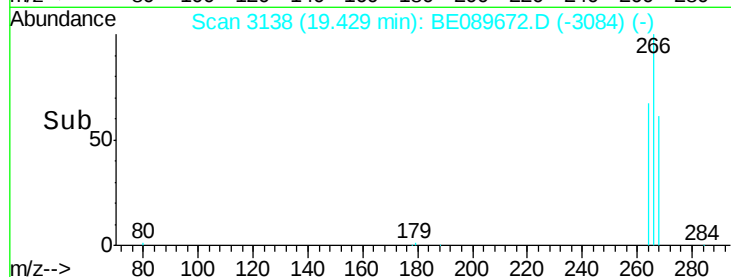
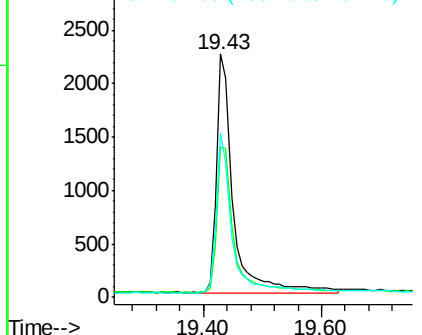
Tgt Ion	Ratio	Lower	Upper
266	100		
268	61.7	56.3	84.5
264	67.4	51.8	77.8

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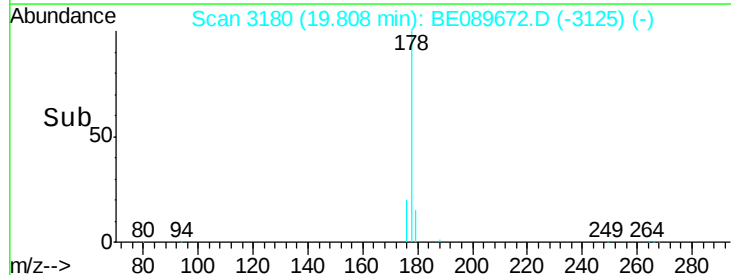
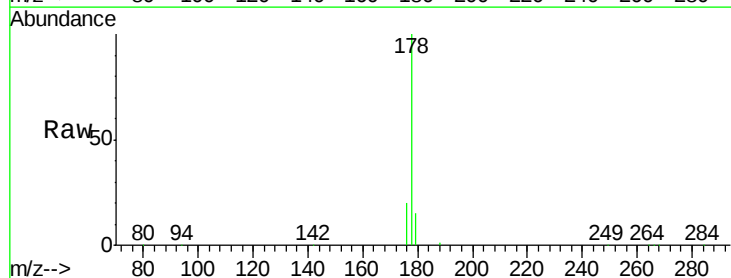
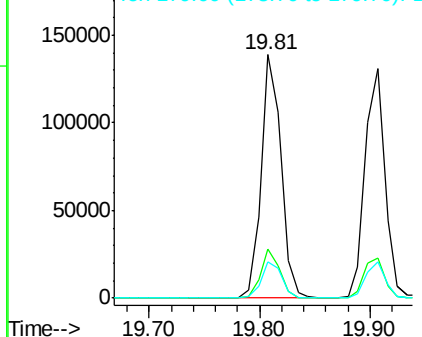
Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

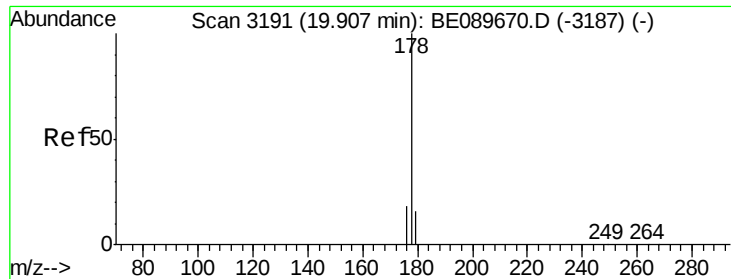


#16
 Phenanthrene
 Concen: 5.08 ng
 RT: 19.81 min Scan# 3180
 Delta R.T. -0.00 min
 Lab File: BE089672.D
 Acq: 24 Feb 2015 15:39

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.3	22.9
179	15.3	12.5	18.7

Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





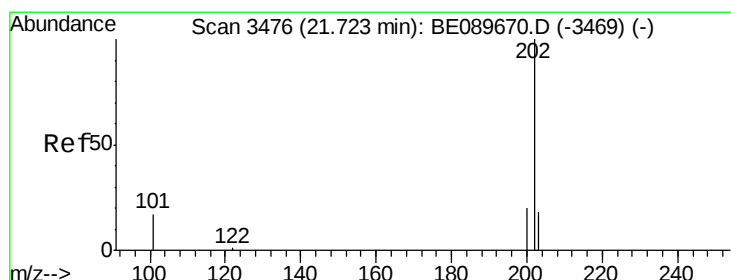
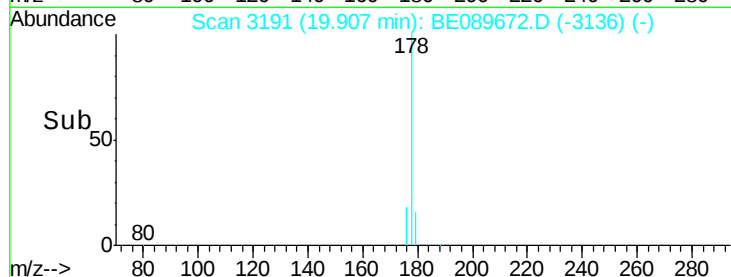
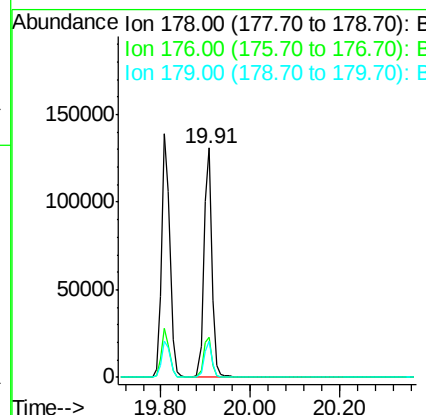
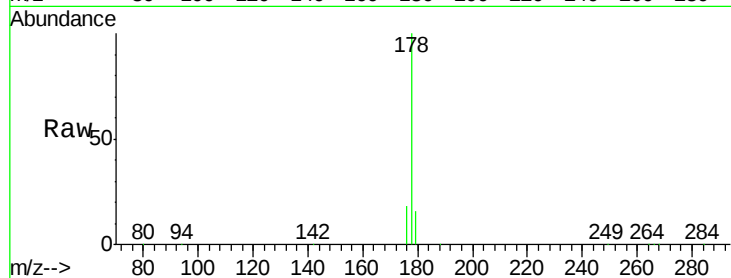
#17
 Anthracene
 Concen: 5.91 ng
 RT: 19.91 min Scan# 3191
 Delta R.T. -0.00 min
 Lab File: BE089672.D
 Acq: 24 Feb 2015 15:39

Instrument :
 BNA_E
 LabSampleId :
 SSTDICC005

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.8	22.2
179	15.3	12.2	18.2

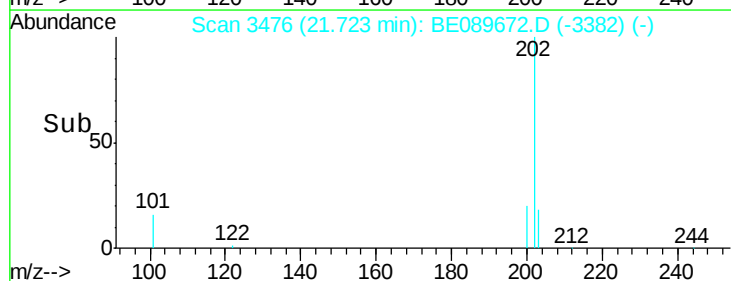
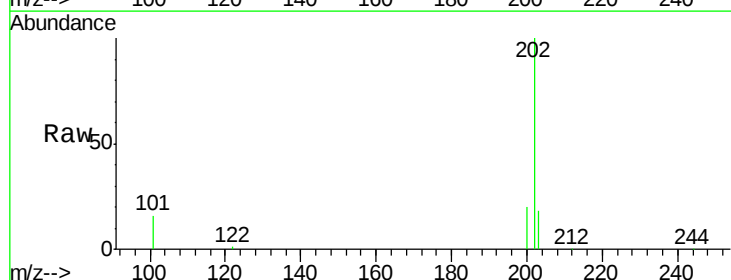
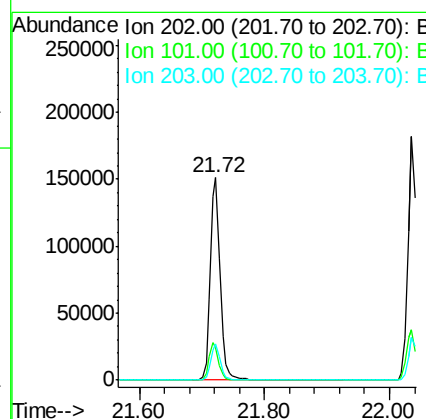
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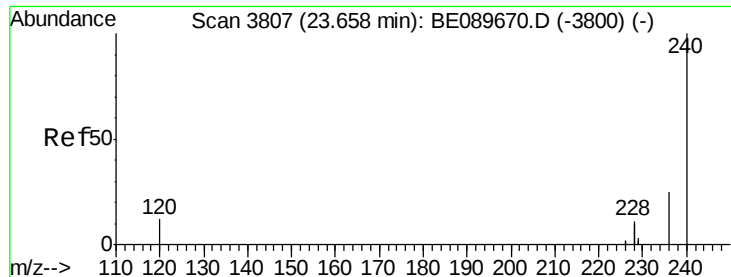
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 2/25/2015 3:34:23 PM



#18
 Fluoranthene
 Concen: 6.05 ng
 RT: 21.72 min Scan# 3476
 Delta R.T. -0.00 min
 Lab File: BE089672.D
 Acq: 24 Feb 2015 15:39

Tgt Ion	Ratio	Lower	Upper
202	100		
101	18.2	14.9	22.3
203	17.4	13.8	20.6





#19

Chrysene-d12

Concen: 5.00 ng

RT: 23.66 min Scan# 3807

Delta R.T. 0.00 min

Lab File: BE089672.D

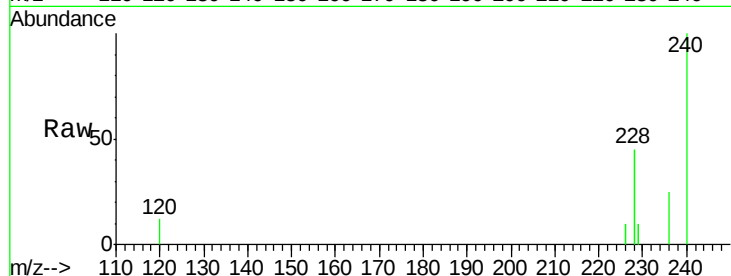
Acq: 24 Feb 2015 15:39

Instrument :

BNA_E

LabSampleId :

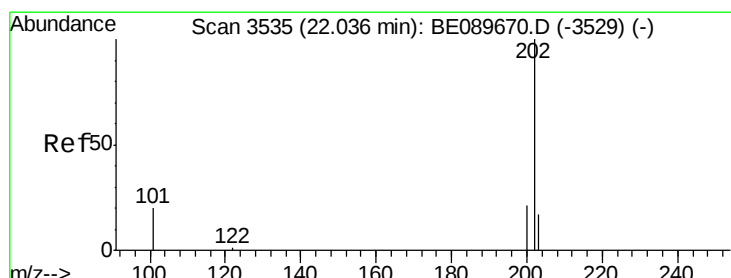
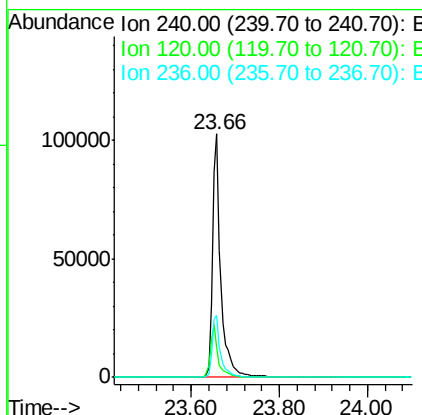
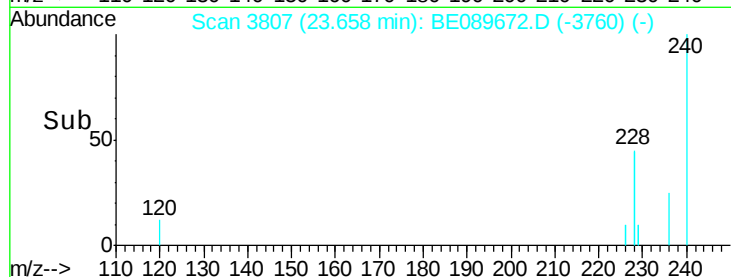
SSTDIC005



Tgt Ion:	240	Resp:	135474
Ion Ratio	Lower	Upper	
240	100		
120	12.2	9.4	14.0
236	25.2	19.9	29.9

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2/25/2015 3:34:23 PM



#20

Pyrene

Concen: 5.64 ng

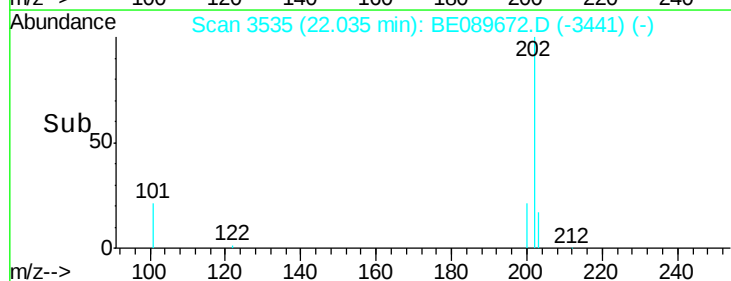
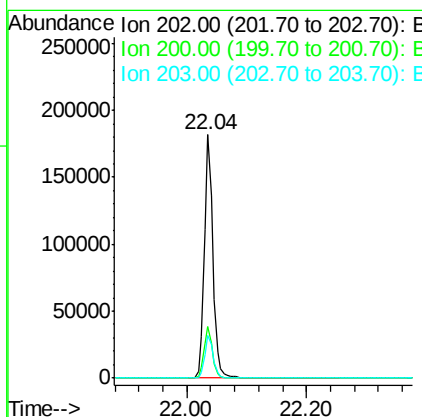
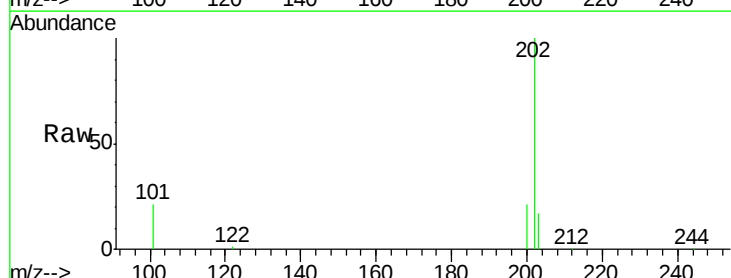
RT: 22.04 min Scan# 3535

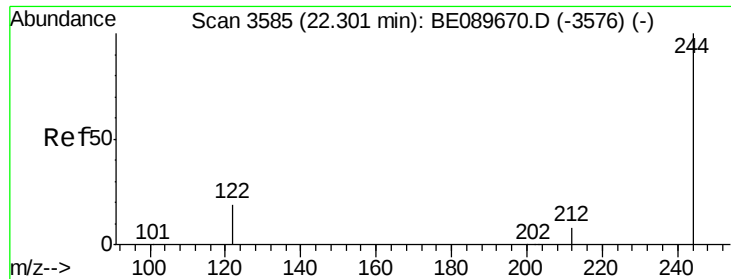
Delta R.T. -0.00 min

Lab File: BE089672.D

Acq: 24 Feb 2015 15:39

Tgt Ion:	202	Resp:	178990
Ion Ratio	Lower	Upper	
202	100		
200	20.9	16.4	24.6
203	17.6	13.9	20.9





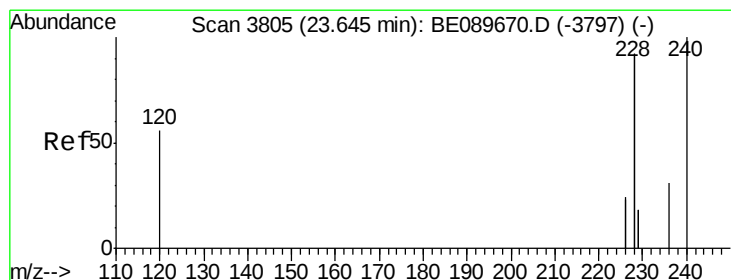
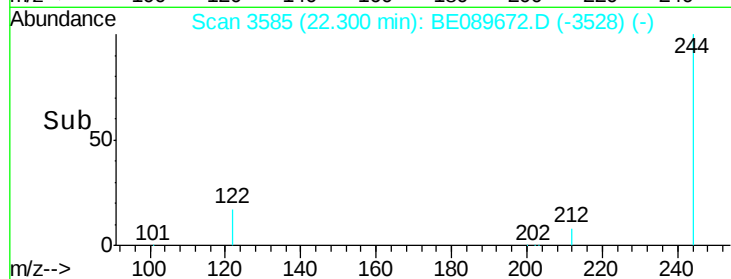
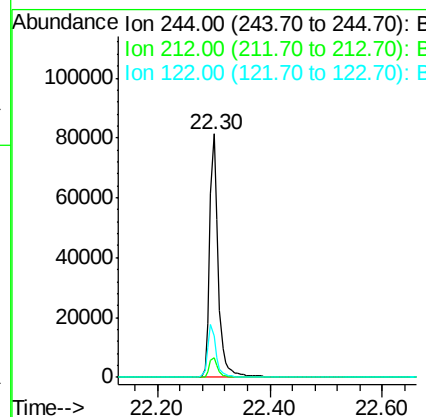
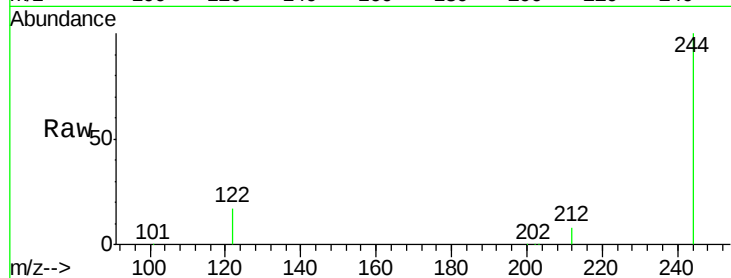
#21
 Terphenyl-d14
 Concen: 5.55 ng
 RT: 22.30 min Scan# 3585
 Delta R.T. -0.00 min
 Lab File: BE089672.D
 Acq: 24 Feb 2015 15:39

Instrument :
 BNA_E
 LabSampleId :
 SSTDICC005

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.1	7.0	10.6
122	17.2	15.4	23.0

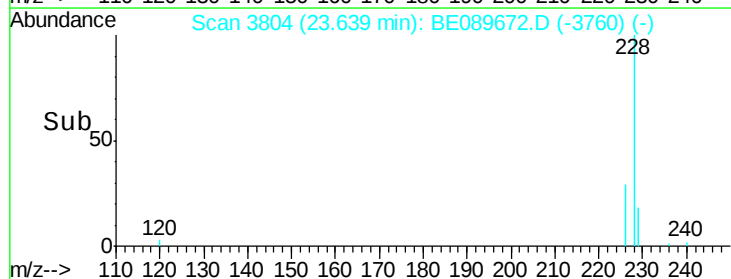
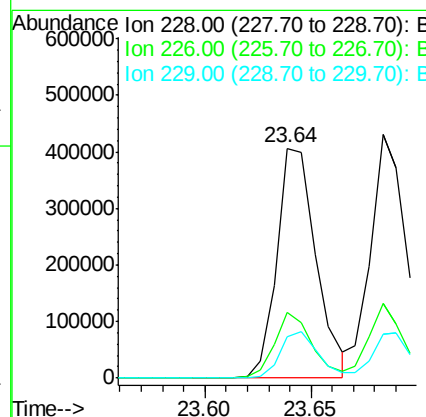
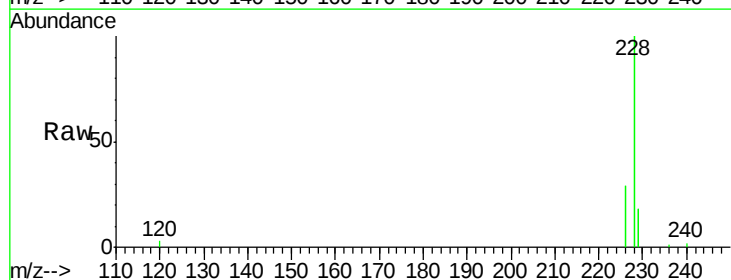
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 2/25/2015 3:34:23 PM



#22
 Benzo(a)anthracene
 Concen: 6.26 ng
 RT: 23.64 min Scan# 3804
 Delta R.T. -0.01 min
 Lab File: BE089672.D
 Acq: 24 Feb 2015 15:39

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.8	20.6	31.0
229	17.8	15.8	23.6





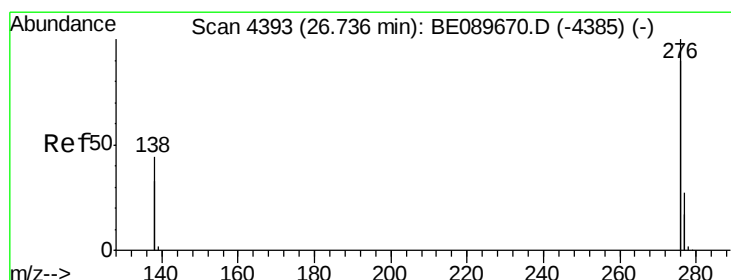
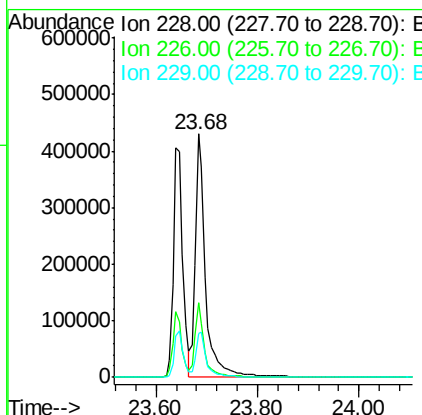
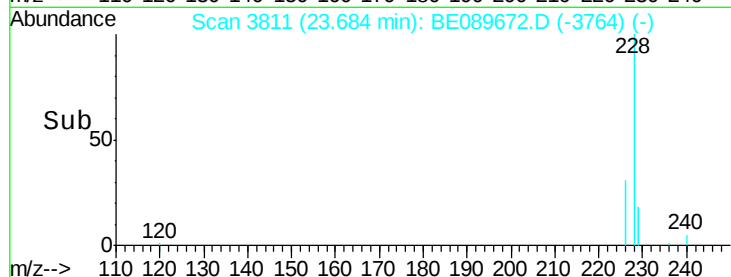
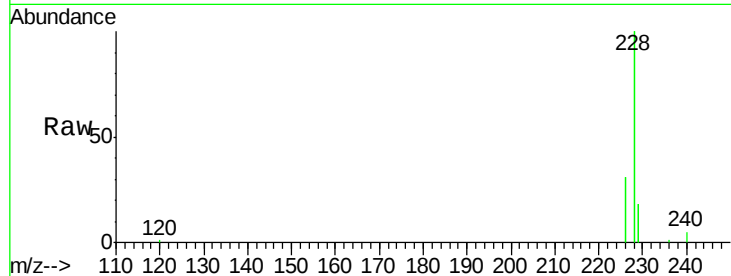
#23
Chrysene
Concen: 4.83 ng
RT: 23.68 min Scan# 3811
Delta R.T. 0.00 min
Lab File: BE089672.D
Acq: 24 Feb 2015 15:39

Instrument :
BNA_E
LabSampleId :
SSTDIC005

Tgt Ion:	228	Resp:	601275
Ion Ratio	Lower	Upper	
228	100		
226	30.6	23.6	35.4
229	18.2	15.3	22.9

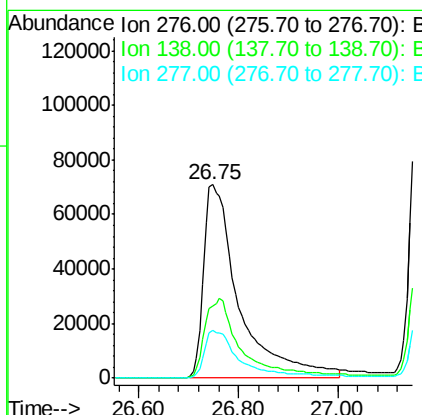
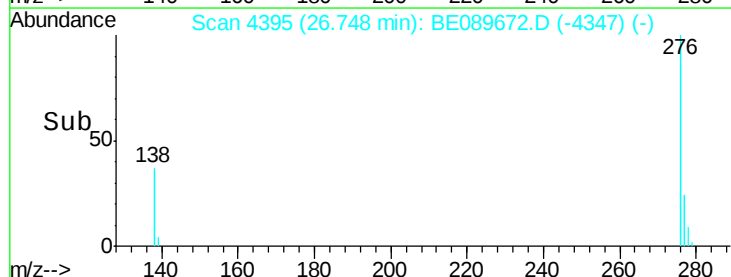
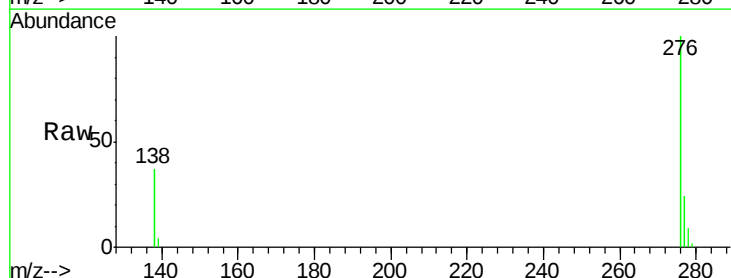
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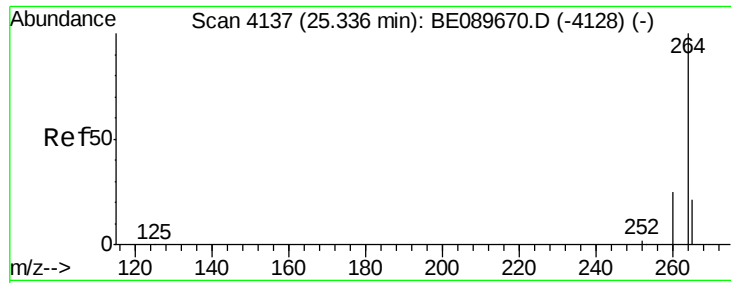
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2/25/2015 3:34:23 PM



#24
Indeno(1,2,3-cd)pyrene
Concen: 11.55 ng m
RT: 26.75 min Scan# 4395
Delta R.T. 0.01 min
Lab File: BE089672.D
Acq: 24 Feb 2015 15:39

Tgt Ion:	276	Resp:	353240
Ion Ratio	Lower	Upper	
276	100		
138	0.0	0.0	0.0
277	0.0	5.2	7.8#





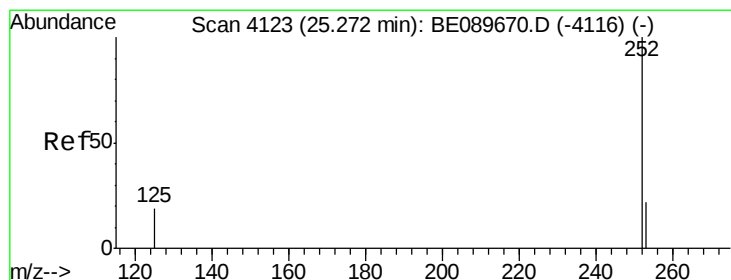
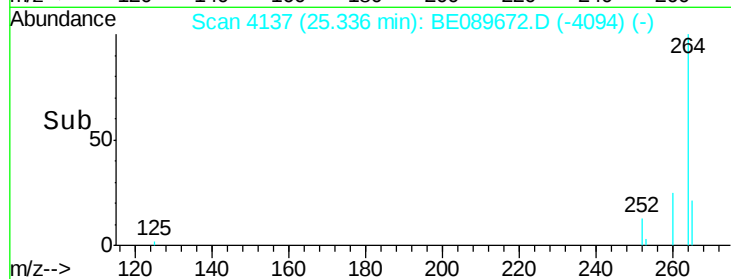
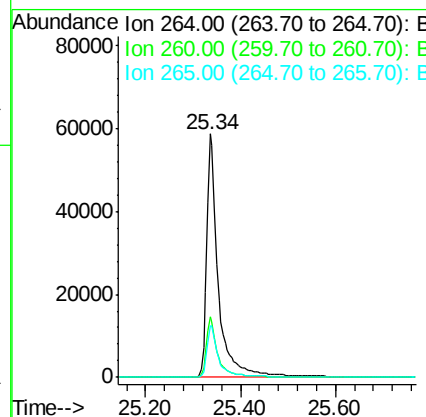
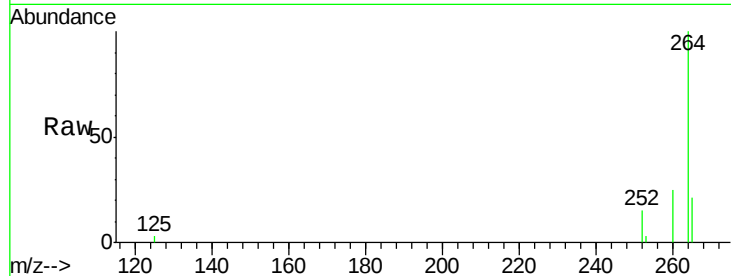
#25
Perylene-d12
Concen: 5.00 ng
RT: 25.34 min Scan# 4137
Delta R.T. -0.00 min
Lab File: BE089672.D
Acq: 24 Feb 2015 15:39

Instrument :
BNA_E
LabSampleId :
SSTDIC005

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	99450		
260	25.1	20.2	30.4	
265	21.0	17.0	25.4	

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2/25/2015 3:34:23 PM



#28
Benzo(a)pyrene
Concen: 11.00 ng
RT: 25.27 min Scan# 4123
Delta R.T. -0.00 min
Lab File: BE089672.D
Acq: 24 Feb 2015 15:39

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	77802		
253	21.5	18.8	28.2	
125	17.6	16.6	24.8	

